

*Reinhardt copy*

ALLEGHENY NF

5200 FOREST INSECT AND DISEASE CONTROL

NOVEMBER 20, 1974

OAK LEAF TIER INFESTATION

REGIONAL FORESTER, R-9

WE THOUGHT YOU WOULD BE INTERESTED IN THE ENCLOSURES WHICH RELATE TO THE CURRENT INFESTATION PROBLEMS AND EXPECTED MORTALITY FROM THE OAK LEAF TIER ON THE WESTERN PART OF THE FOREST.

THE MAP IS A SUMMARY OF ALL INSECT DAMAGE OBSERVATIONS IN 1974. OF PARTICULAR INTEREST IS THE SOLID RED, SOLID GREEN AND SOLID BLUE COLORATION AREAS. THESE REPRESENT HEAVY, MODERATE AND LIGHT DEFOLIATION RESPECTIVELY FROM OAK LEAF TIER INFESTATIONS. THE FOLLOWING LEVELS OF DEFOLIATION HAVE BEEN IDENTIFIED:

DEFOLIATION LEVEL (ACRES)

<u>DISTRICT</u>	<u>LIGHT</u>	<u>MEDIUM</u>	<u>HEAVY</u>	<u>TOTAL</u>
SHEFFIELD	600	2100	2500	5200
MARIENVILLE	500	1800	3300	5600
	1100	3900	5800	13,800

WE HAVE ALSO LABELED AND DELINEATED THE BOUNDARIES OF THE ALLEGHENY FRONT AND HICKORY CREEK PROPOSED WILDERNESS STUDY AREAS ON THE MAP. YOU WILL NOTICE THAT THERE ARE CONSIDERABLE ACREAGES OF INFESTATION INCLUDED WITHIN THE BOUNDARIES OF THESE TWO AREAS. IF WE FOLLOW THE SAME PROCEDURE WITH INSECT INFESTATION AS WE ARE DOING WITH OUR RECENT BLOWDOWN TIMBER THERE WILL BE CONSIDERABLE DEAD MATERIAL WHICH WILL RECEIVE NO SALVAGE EFFORT, BECAUSE IT WILL OCCUR IN A PROPOSED WILDERNESS STUDY AREA. FROM THE ENCLOSED MAP IT WOULD APPEAR TO AMOUNT TO ABOUT 4000 ACRES.

WE HAVE HAD A FEW COLOR PRINTS MADE FROM THE AERIAL COLOR POSITIVE AND ENCLOSE ONE WHICH SHOWS LARGE AREAS OF HEAVY DEFOLIATION NEAR EAST HICKORY, PA. THE GRAYISH TONE REPRESENTS PROBLEM AREAS. THE BRIGHT RED COLOR REPRESENTS UNDAMAGED STANDS.

WE INVITE YOU TO VIEW THIS PROBLEM WITH US ABOUT NEXT MAY WHEN MORTALITY WILL BE OBVIOUS.

RALPH H. FREEMAN  
FOREST SUPERVISOR

ENCL.: AERIAL COLOR PHOTO WITH INDEX MAP  
MAP OF 1974 INSECT DAMAGE OBSERVATIONS